

IPW  
93184/00014

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of  
WILLIAM H. ACKERMAN, III

Group Art Unit: 3737

Serial No. 10/765,013

Examiner: TBA

Confirmation No. 1289

Filed: January 26, 2004

For: ACOUSTIC BEAM SHAPING BY PULSE  
POWER MODULATION AT CONSTANT  
AMPLITUDEI hereby certify that this correspondence and/or fee is being deposited  
with the United States Postal Service, with sufficient postage, as First  
Class Mail in an envelope addressed to Commissioner for Patents, P.O.  
Box 1450, Alexandria, VA 22313-1450 on MAY 17, 2005  
(Date of Deposit)Diane Bodzioch

Printed Name

Diane Bodzioch5/17/05  
(Signature) (Date)Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450REQUEST TO CORRECT INVENTORSHIP  
IN ACCORDANCE WITH 37 C.F.R. §1.48(a)

Sir:

This Request is being submitted to correct the inventorship identified in the above-referenced patent application under 37 C.F.R. §1.48(a). More particularly, the name of the following co-inventor was inadvertently omitted when the present application was filed in the United States Patent and Trademark Office on January 26, 2004.

Kenneth Abend ( a U.S. citizen)  
623 Killdeer Lane  
Huntingdon Valley, Pennsylvania 19006

In the foregoing circumstances, it is respectfully requested that the inventorship of the present application be amended in accordance with 37 CFR §1.48(a) to include Mr. Kenneth Abend as a co-inventor. As required by 37 CFR §1.48(a), enclosed herewith are the following documents:

- (1) Statement from inventor Kenneth Abend that the listing of Mr. Abend as a co-inventor was inadvertently omitted and there was no deceptive intent;
- (2) One (1) Declaration and Power of Attorney form signed by the actual inventors (Messrs. Abend and Ackerman);

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- (3) a Consent of Assignee; and
- (4) the processing fee set forth in §1.17(i) (see the authorization below).

The undersigned attorney thanks the Commissioner for considering this Request. Should there be any questions about this Request, the Commissioner is cordially invited to contact him at the telephone number indicated below.

The Commissioner is hereby authorized to charge \$130.00 to Deposit Account No. 501402 to cover the fee set forth in §1.17(i). If any additional fees are due in connection with the submittal of this Request, the Commissioner is hereby authorized to charge them to Deposit Account No. 501402.

Respectfully Submitted,

McCARTER & ENGLISH, LLP



By: John K. Kim  
Reg. No. 37,002

McCarter & English, LLP  
Four Gateway Center  
100 Mulberry Street  
Newark, NJ 07102  
(973) 848-5366

NWK2: 1297945.01



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Patent application of  
WILLIAM H. ACKERMAN, III

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(Date of Deposit)

Diane Bodenbach

Printed Name

Diane Bodenbach

Date

Signature

STATEMENT OF INVENTOR KENNETH ABEND

Dear Sir:

I, Kenneth Abend, hereby attest that I am a co-inventor with Mr. William H. Ackerman, III, of the invention disclosed and claimed in the above-identified application. This application was filed, inadvertently naming Mr. Ackerman as the sole inventor. The failure to list me as a co-inventor was recently discovered and occurred without any deceptive intent on my part. By my notarized signature below, I attest that all of the foregoing statements are true.

IN WITNESS WHEREOF:

Date: May 12, 2005By: Kenneth Abend  
Kenneth AbendState of PaCounty of Chester

On this 12<sup>th</sup> day of May, 2005, before me personally appeared Mr. Kenneth Abend to me to be the person described in and who executed the foregoing instrument, and who acknowledged to me the same was executed by him of his own free will for the uses and purposes therein mentioned.

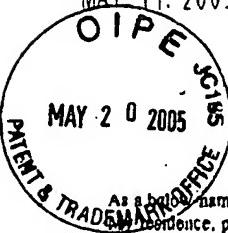
Joan S. Bamhart  
Notary Public

## COMMONWEALTH OF PENNSYLVANIA

Notarial Seal
Joan S. Bamhart, Notary Public
Tredyffrin Twp., Chester County
My Commission Expires Mar. 12, 2008

Member, Pennsylvania Association Of Notaries

Attorney Docket No.  
93184/00014



## DECLARATION AND POWER OF ATTORNEY

(Patent, Design or C-I-P Application)

As a sole inventor, I hereby declare that:  
Residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are stated below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: ACOUSTIC BEAM SHAPING BY PULSE POWER MODULATION AT CONSTANT AMPLITUDE, the specification of which

is attached hereto  
 was filed on January 26, 2004 as Application Serial No. 10/765,013 and was amended on \_\_\_\_\_

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-entitled specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

## PRIOR FOREIGN APPLICATION(S)

COUNTRY	APPLICATION NO.	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES <input type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>

LISTING OF FOREIGN APPLICATIONS CONTINUED ON PAGE 2 HEREOF: YES  NO

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

<u>60/446,162</u> (Application Serial No.)	<u>February 10, 2003</u> (Filing Date)	<u>60/138,793</u> (Application Serial No.)	<u>June 14, 1999</u> (Filing Date)
<u>60/136,364</u> (Application Serial No.)	<u>May 28, 1999</u> (Filing Date)	<u>60/152,886</u> (Application Serial No.)	<u>September 8, 1999</u> (Filing Date)

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(e), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application or PCT International application in the manner provided by the first page of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

<u>09/926,666</u> (Application Serial No.)	<u>11/30/2001</u> (Filing Date)	<u>Patented</u> (Status: patented, pending, abandoned)
<u>PCT/US00/14691</u> (Application Serial No.)	<u>05/26/2000</u> (Filing Date)	<u>Abandoned</u> (Status: patented, pending, abandoned)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the practitioners associated with Customer Number 27814, which currently includes RALPH W. SELITTO, JR., Reg. No. 26,998; MICHAEL R. FRISCIÀ, Reg. No. 33,884; JOHN K. KIM, Reg. No. 37,002, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith

SEND CORRESPONDENCE TO:	John K. Kim McCarter & English, LLP Four Gateway Center 100 Mulberry Street Newark, NJ 07102	DIRECT TELEPHONE CALLS TO: (973) 622-4444, ext. 2646
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Full Name of Inventor #1	Last Name: <u>ACKERMAN, III</u>	First Name: <u>WILLIAM</u>	Middle Name: <u>H.</u>
Residence & Citizenship	City: <u>SOMERDALE</u>	State or Foreign Country: <u>NJ</u>	Country of Citizenship: <u>USA</u>
Post Office Address	Post Office Address: <u>309 CEDAR AVENUE</u>	City: <u>SOMERDALE</u>	State or Country and Zip Code: <u>NJ 08803</u>
Full Name of Inventor #2	Last Name: <u>ABEND</u>	First Name: <u>KENNETH</u>	Middle Name: <u></u>
Residence & Citizenship	City: <u>HUNTINGDON VALLEY</u>	State or Foreign Country: <u>PA</u>	Country of Citizenship: <u>USA</u>
Post Office Address	Post Office Address: <u>623 KILLDEER LANE</u>	City: <u>HUNTINGDON VALLEY</u>	State or Country and Zip Code: <u>PA 19006</u>

SEE PAGE 2 ATTACHED, SIGNED AND MADE A PART HEREOF: YES  NO

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor #1 <i>Michael A. Klemm III</i>	Signature of Inventor #2 <i>5/12/2005 Kenneth Abend</i>
Date: <u>5/11/05</u>	Date: _____

SEE PAGE 3 ATTACHED, SIGNED AND MADE A PART HEREOF: YES .. NO

NWK2: 1298616.01



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AMPLITUDE

Group Art Unit: 3737

Examiner: TBA

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(Date of Deposit)

Diane Bodzioch

Printed Name

Diane Bodzioch

5/17/05

Signature Date

X  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CONSENT OF ASSIGNEE

Dear Sir:

VUESONIX SENSORS, INC. (hereinafter "Vuesonix") is the assignee of the entire right, title and interest in and to the above-identified application, as reflected in the attached Statement under 37 CFR 3.73(b). Vuesonix hereby consents to the addition of Mr. Kenneth Abend in this application as a co-inventor with the originally named inventor Mr. William H. Ackermann, III. The undersigned (whose title is supplied below) is authorized to act on behalf of Vuesonix.

VUESONIX SENSORS, INC.

Name: Dr. Saul Portner  
Title: President

c/o Cobble Hill Financial Services, Inc.  
214 West Main Street, Suite 210  
Moorestown, New Jersey 08057-2345

NWK2: 1314341.01



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Commissioner for Patents  
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Examiner: TBA

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(Date of Deposit)

Dr. Saul Portner  
Printed Name  
Dr. Saul Portner 5/17/05  
Signature Date

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VUESONIX SENSORS, INC.

A handwritten signature of Dr. Saul Portner, which appears to be "Saul Portner".

Name: Dr. Saul Portner  
Title: President

c/o Cobble Hill Financial Services, Inc.  
214 West Main Street, Suite 210  
Moorestown, New Jersey 08057-2345

NWK2: 1314341.01

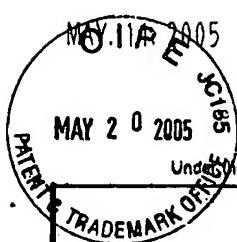
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## STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: VUESONIX SENSORS, INC.

Application No./Patent No.: 10/765,013

Filed/Issue Date: January 26, 2004

Entitled: **ACOUSTIC BEAM SHAPING BY PULSE POWER MODULATION AT CONSTANT AMPLITUDE**

VUESONIX SENSORS, INC., a CORPORATION

(Name of Assignee)

(Type of Assignee, e.g. corporation, partnership, university, government agency, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

In the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 014814, Frame 0707, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s) of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

Date

Dr. Saul Portner

Printed or Typed Name

Telephone number

President

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETE D FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.